

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085596.D
 Acq On : 20 Mar 2016 4:20
 Operator : UM/SJ
 Sample : H1790-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)

Quant Time: Mar 21 04:35:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

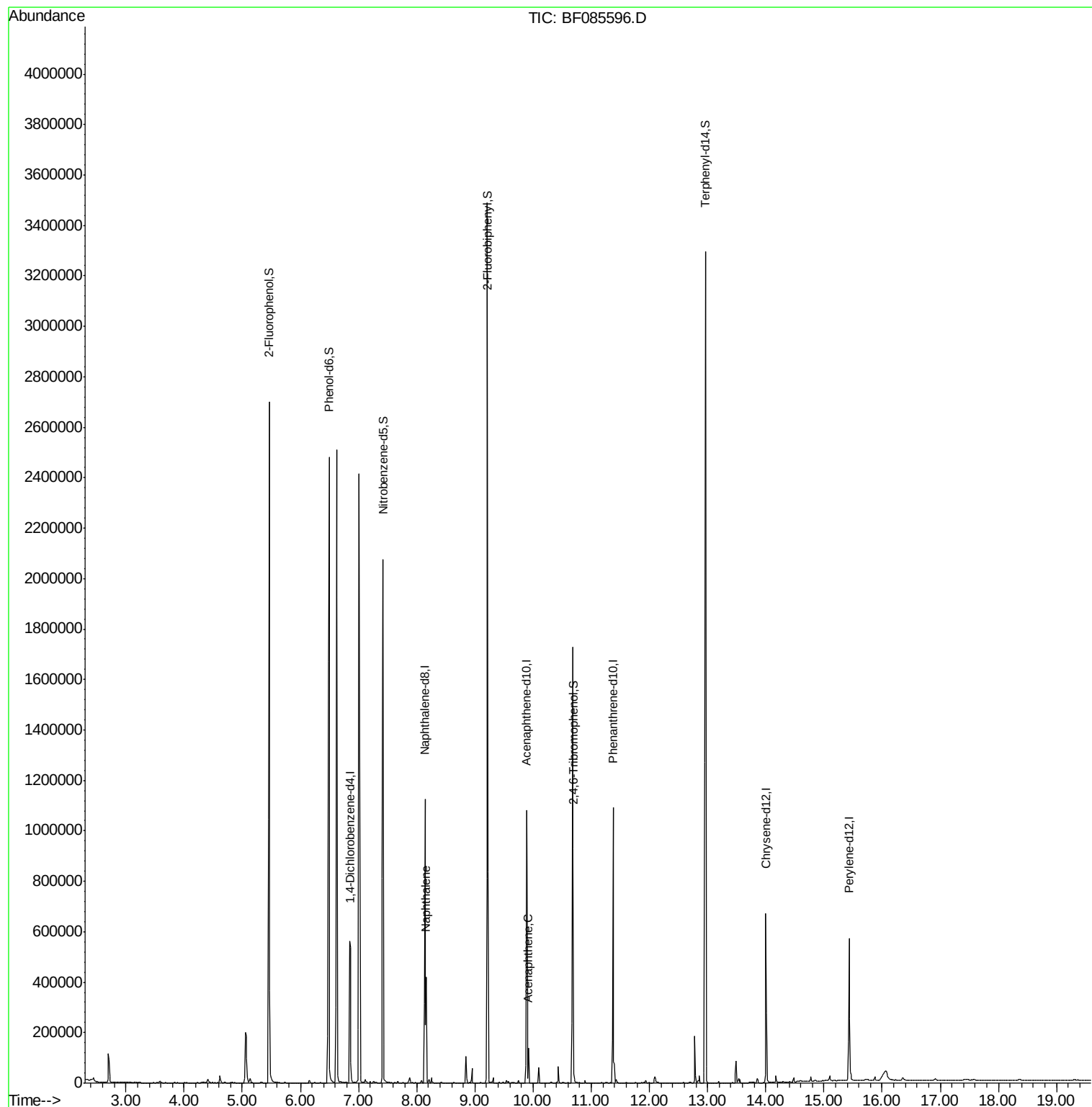
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127710	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	520679	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	217285	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	371592	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	247705	20.00	ng	-0.01
86) Perylene-d12	15.43	264	255761	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	879369	115.66	ng	0.01
7) Phenol-d6	6.49	99	1192647	122.30	ng	0.00
23) Nitrobenzene-d5	7.42	82	758881	84.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	285311	134.05	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1210382	99.14	ng	-0.01
78) Terphenyl-d14	12.96	244	1078617	104.78	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.16	128	220841	8.40	ng	98
51) Acenaphthene	9.92	154	28967	2.08	ng	98

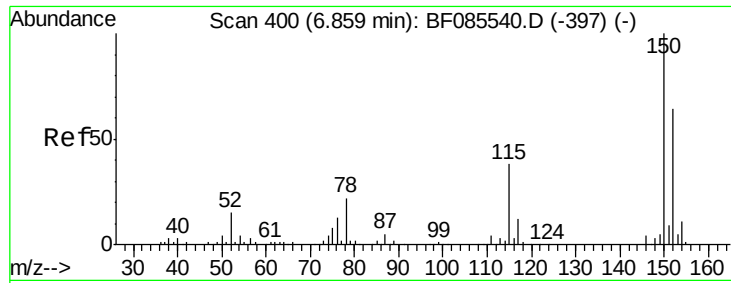
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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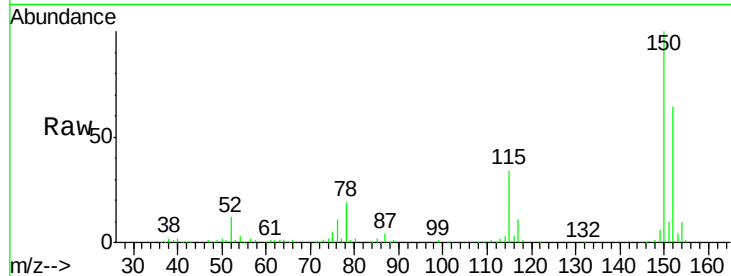




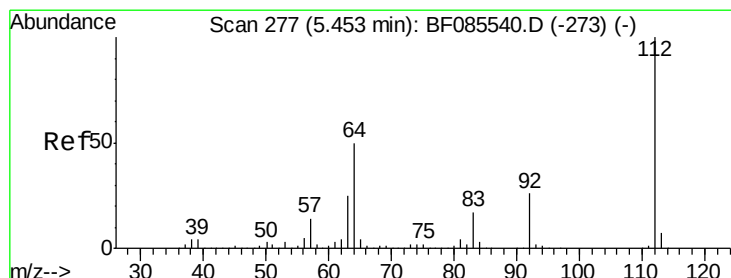
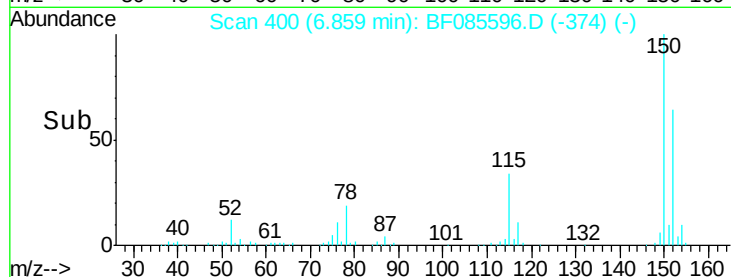
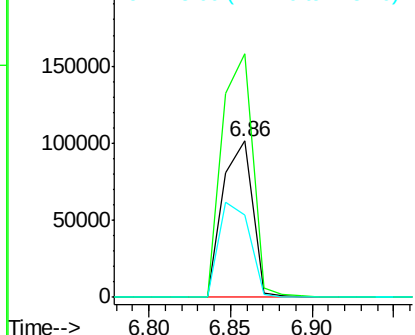
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF085596.D
 Acq: 20 Mar 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)

Tgt Ion:152 Resp: 127710
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.2 186.2
 115 53.0 47.0 70.6

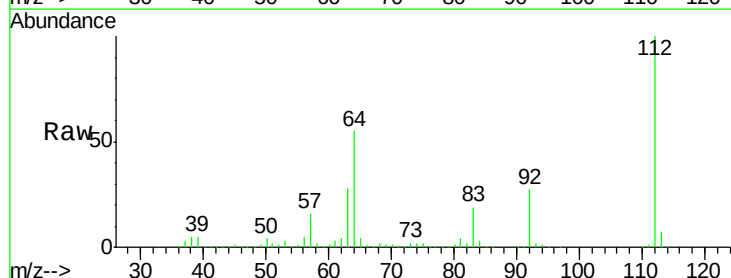


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

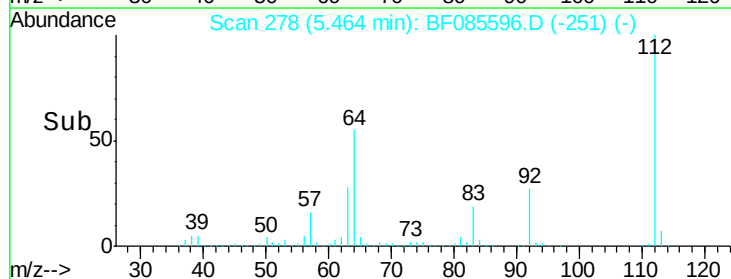
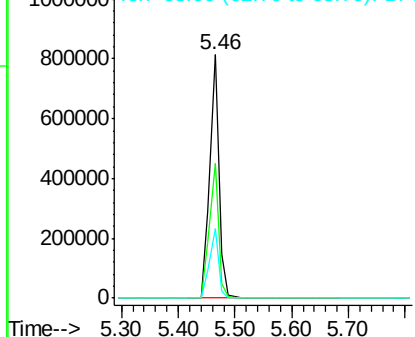


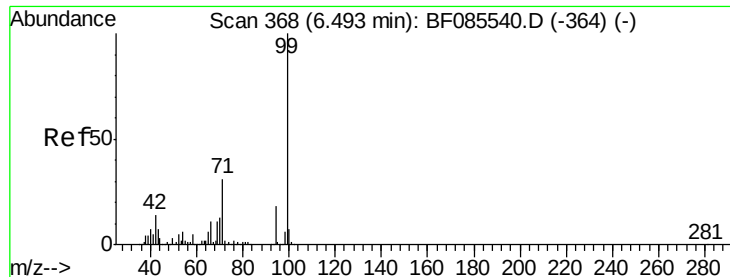
#5
 2-Fluorophenol
 Concen: 115.66 ng
 RT: 5.46 min Scan# 278
 Delta R.T. 0.01 min
 Lab File: BF085596.D
 Acq: 20 Mar 2016 4:20

Tgt Ion:112 Resp: 879369
 Ion Ratio Lower Upper
 112 100
 64 55.2 39.9 59.9
 63 28.4 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.30 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085596.D

Acq: 20 Mar 2016 4:20

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)

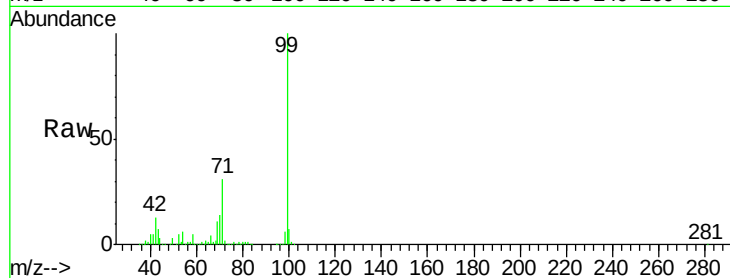
Tgt Ion: 99 Resp: 1192647

Ion Ratio Lower Upper

99 100

42 13.3 11.1 16.7

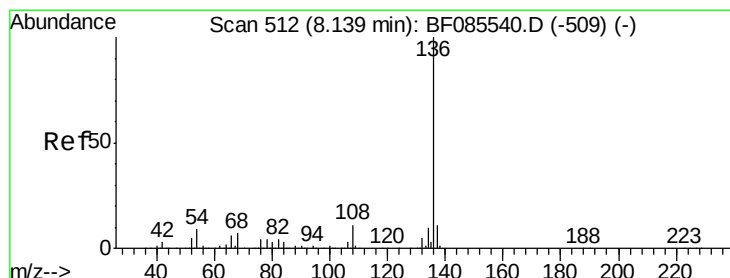
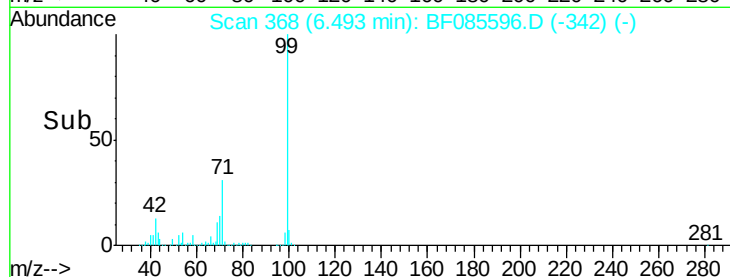
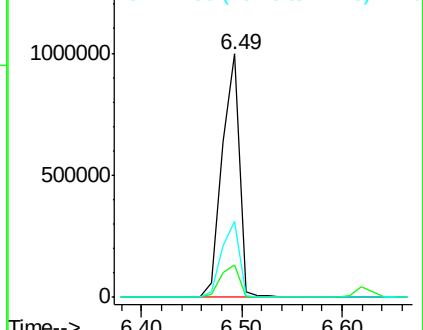
71 31.3 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085596.D

Acq: 20 Mar 2016 4:20

Tgt Ion: 136 Resp: 520679

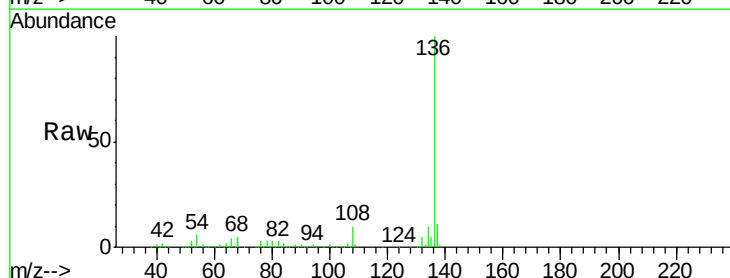
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.0 7.4 11.0#

68 5.2 5.8 8.8#

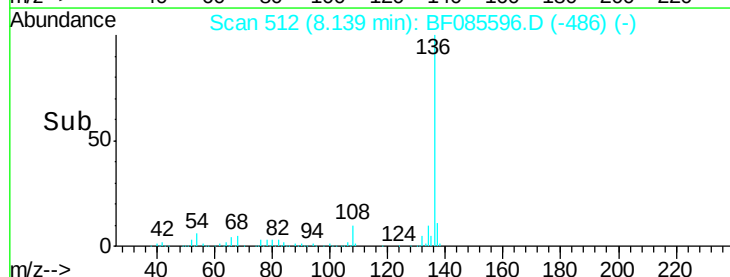
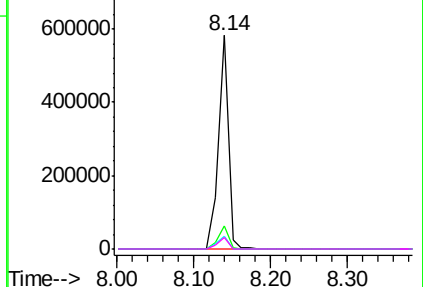


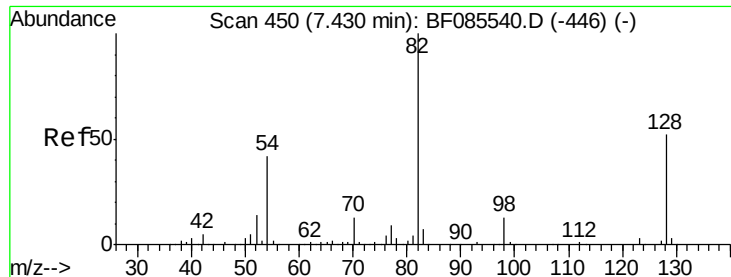
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

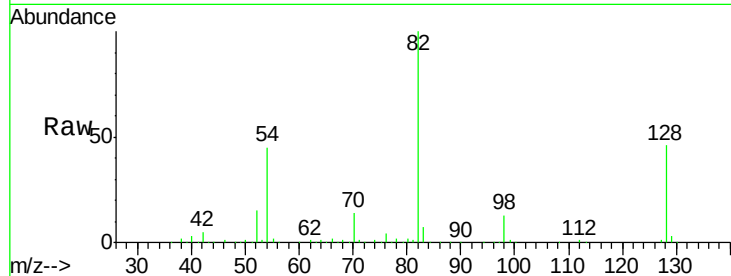




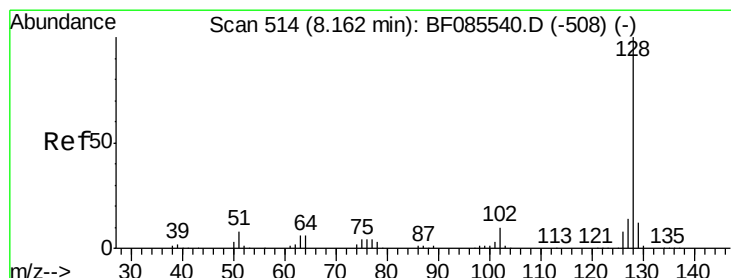
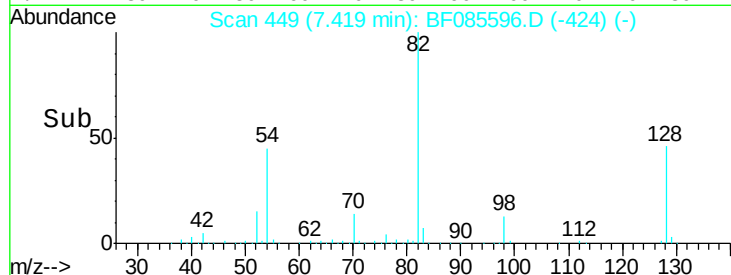
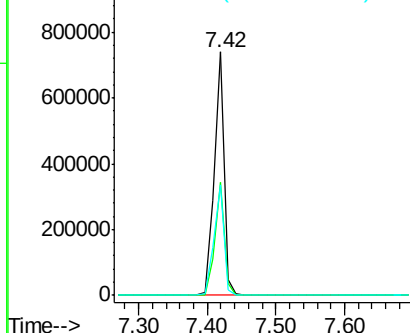
#23
 Nitrobenzene-d5
 Concen: 84.60 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085596.D
 Acq: 20 Mar 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)

Tgt Ion: 82 Resp: 758881
 Ion Ratio Lower Upper
 82 100
 128 46.2 41.8 62.8
 54 45.3 33.4 50.0

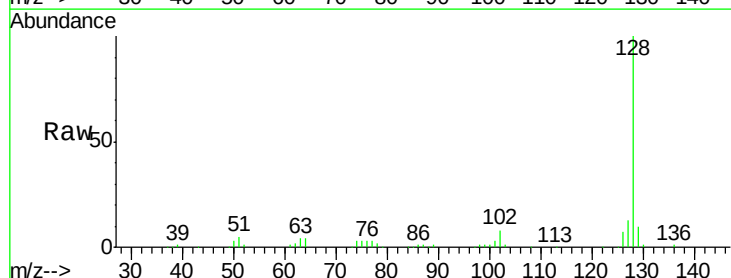


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

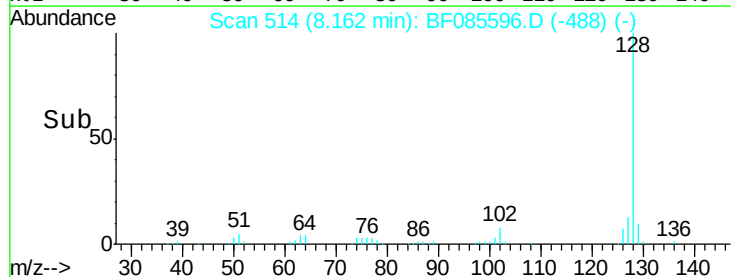
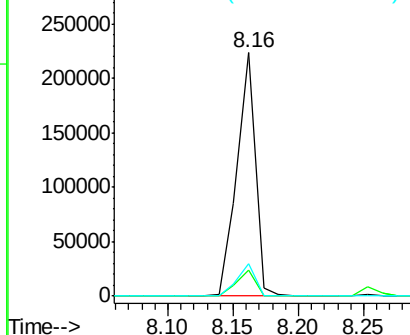


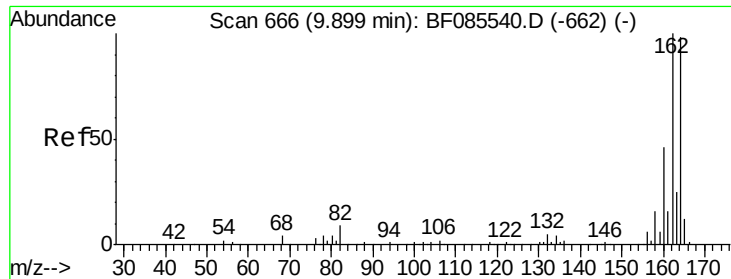
#31
 Naphthalene
 Concen: 8.40 ng
 RT: 8.16 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF085596.D
 Acq: 20 Mar 2016 4:20

Tgt Ion: 128 Resp: 220841
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.4 14.0
 127 13.2 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085596.D

Acq: 20 Mar 2016 4:20

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)

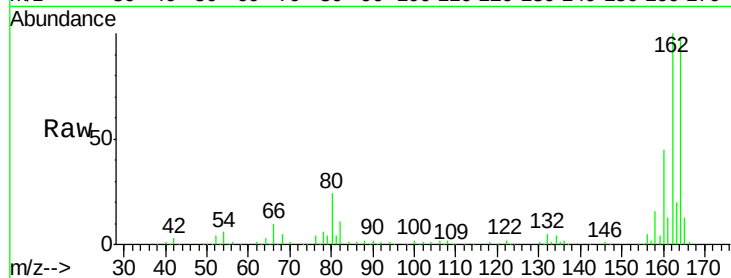
Tgt Ion:164 Resp: 217285

Ion Ratio Lower Upper

164 100

162 102.0 82.1 123.1

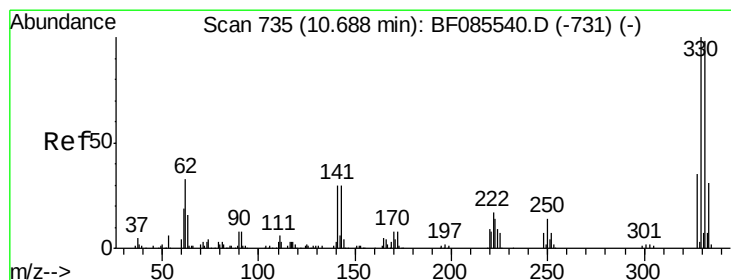
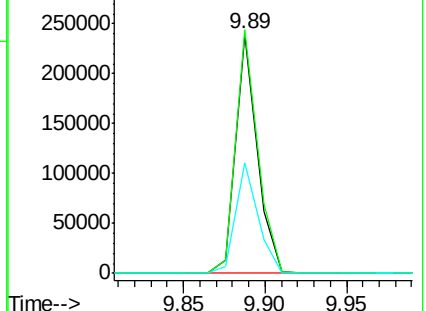
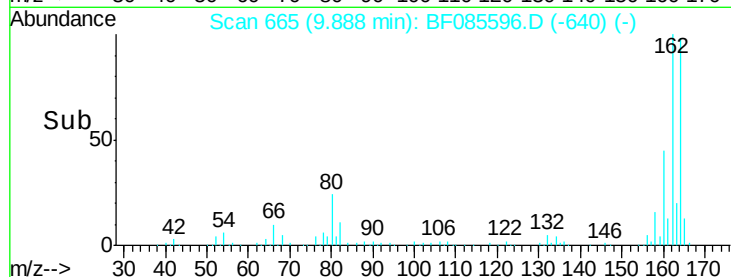
160 46.4 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 134.05 ng

RT: 10.69 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085596.D

Acq: 20 Mar 2016 4:20

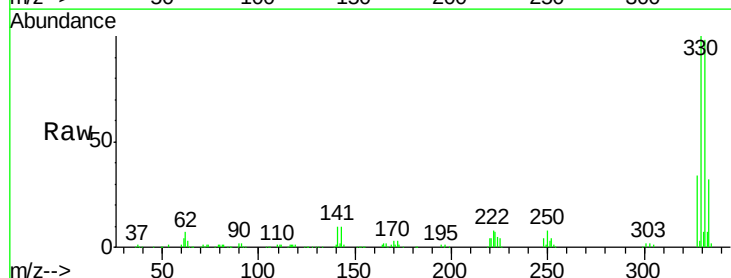
Tgt Ion:330 Resp: 285311

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

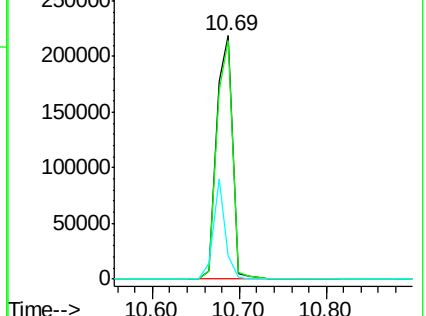
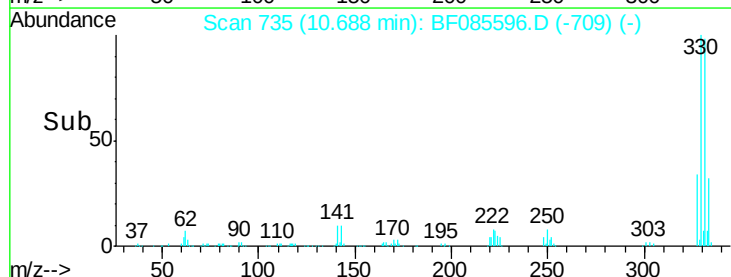
141 31.3 31.5 47.3#

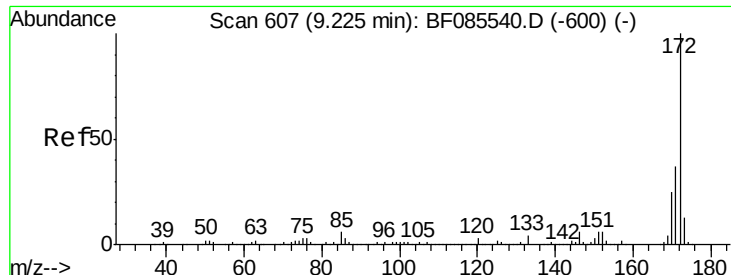


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

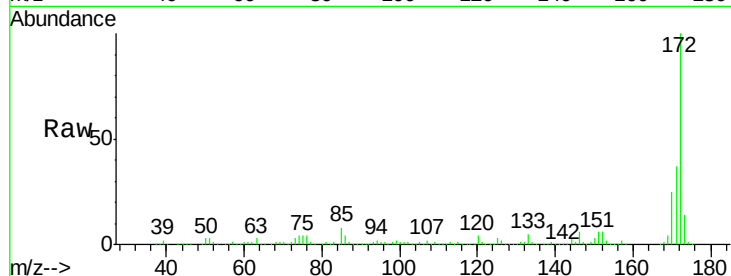




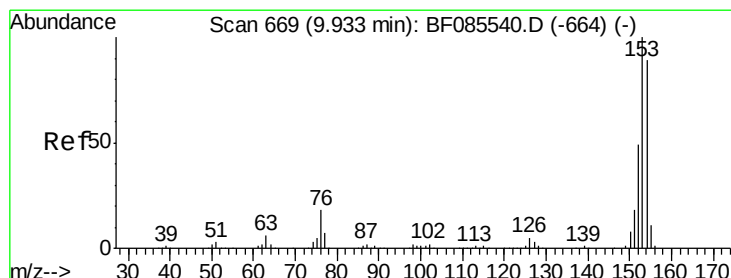
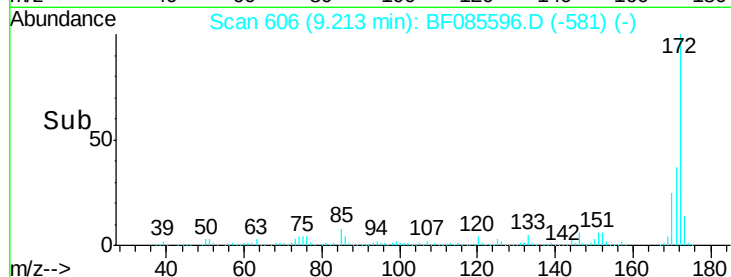
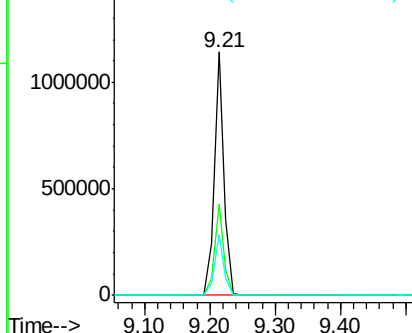
#44
 2-Fluorobiphenyl
 Concen: 99.14 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085596.D
 Acq: 20 Mar 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)

Tgt Ion:172 Resp: 1210382
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.2
 170 25.0 19.8 29.6

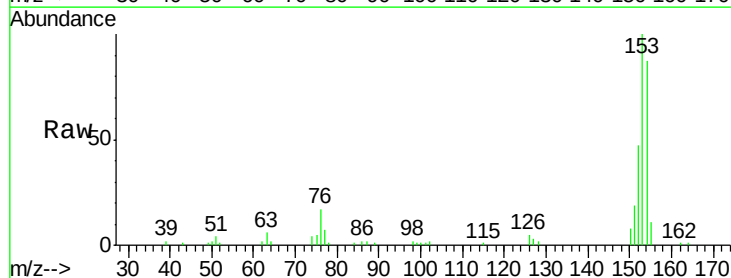


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

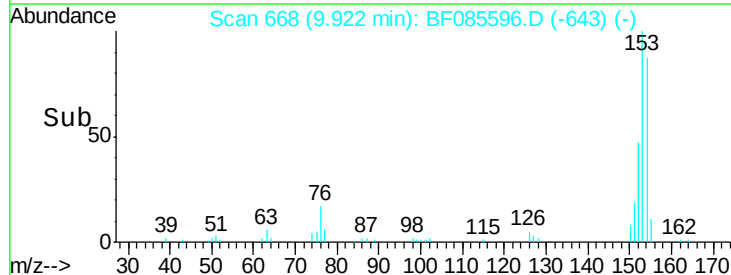
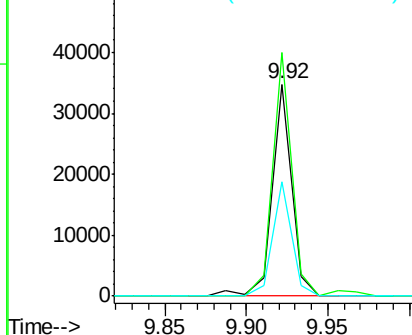


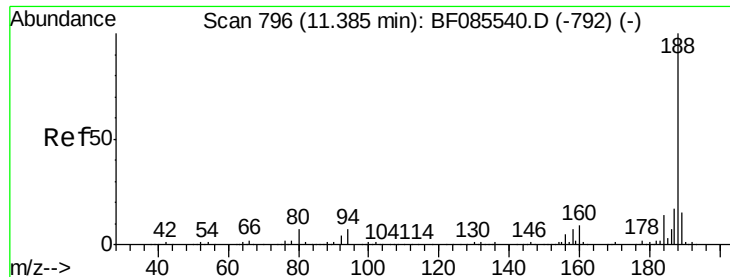
#51
 Acenaphthene
 Concen: 2.08 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF085596.D
 Acq: 20 Mar 2016 4:20

Tgt Ion:154 Resp: 28967
 Ion Ratio Lower Upper
 154 100
 153 114.8 90.1 135.1
 152 53.8 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

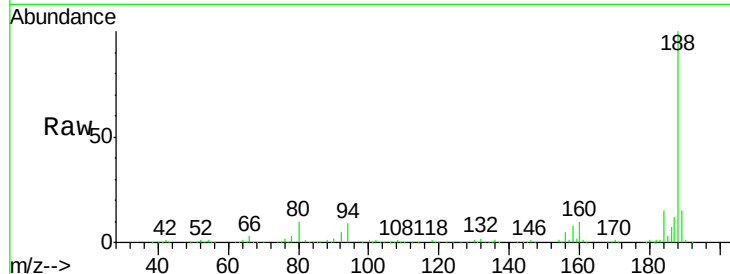




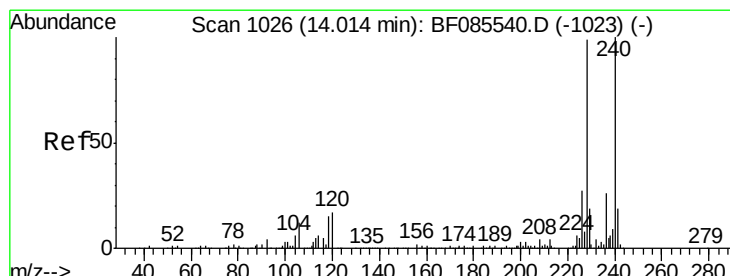
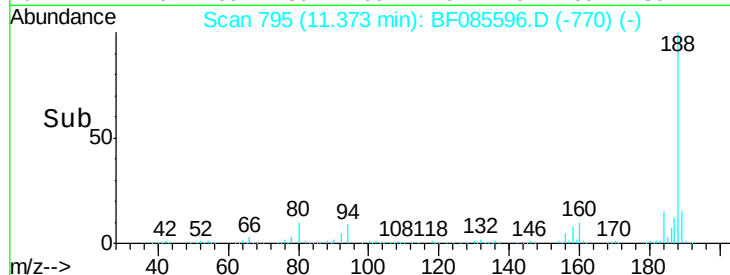
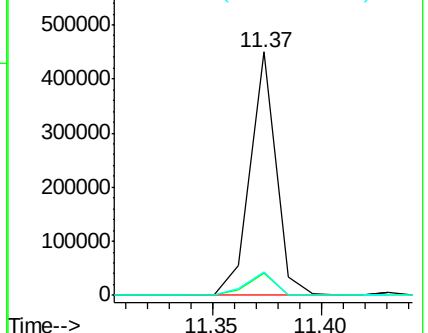
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085596.D
Acq: 20 Mar 2016 4:20

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)

Tgt Ion:188 Resp: 371592
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 9.8 5.5 8.3#

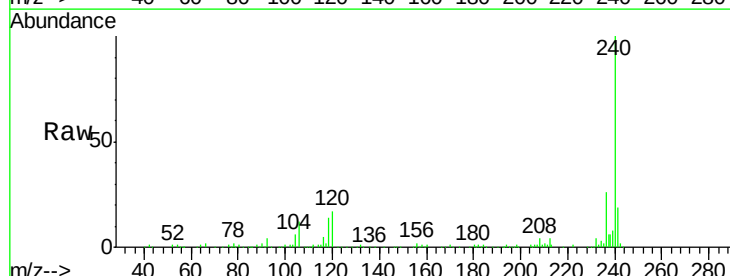


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

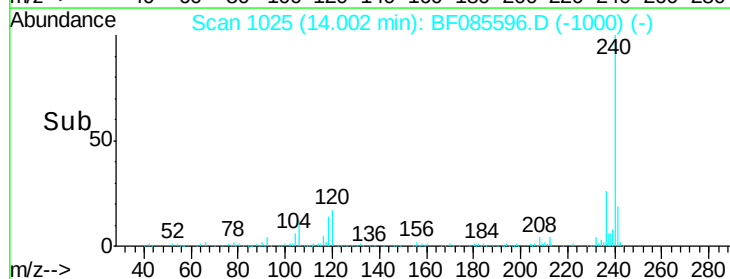
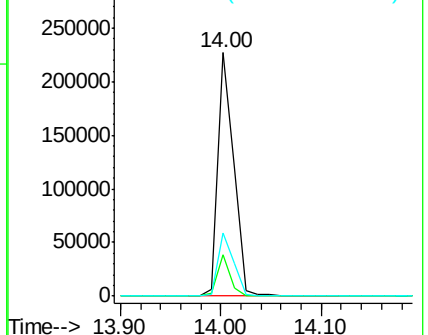


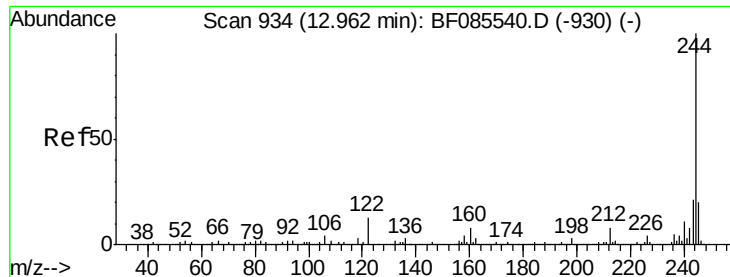
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085596.D
Acq: 20 Mar 2016 4:20

Tgt Ion:240 Resp: 247705
Ion Ratio Lower Upper
240 100
120 17.0 13.8 20.8
236 25.7 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

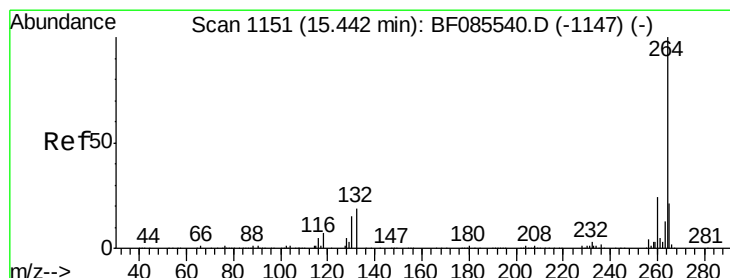
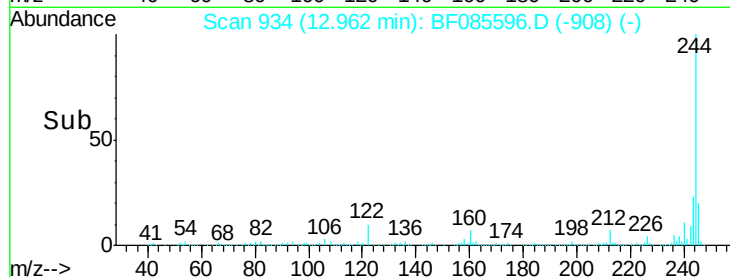
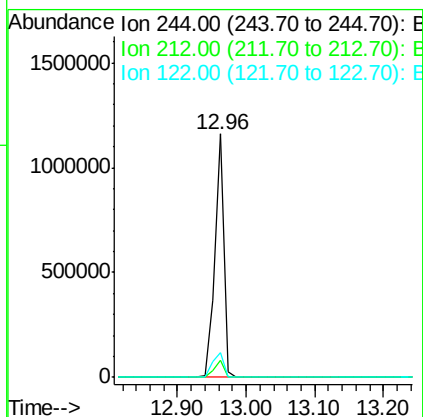
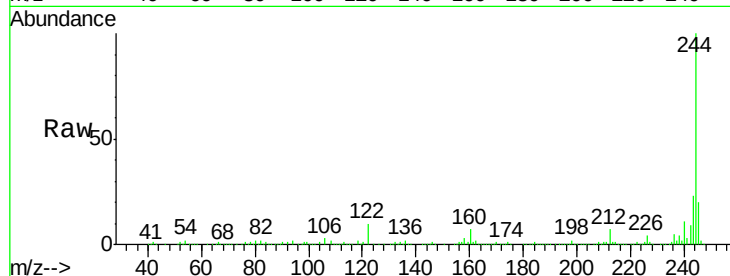




#78
 Terphenyl-d14
 Concen: 104.78 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085596.D
 Acq: 20 Mar 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)

Tgt Ion:244 Resp: 1078617
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 10.3 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085596.D
 Acq: 20 Mar 2016 4:20

Tgt Ion:264 Resp: 255761
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.1 17.2 25.8

